

	Application No.	oplication No. Applicant(s)	
Notice of Allowability	10/721,711	KIM, SE-YOON	
	Examiner	Art Unit	
	Tuan N. Nguyen	2828	
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED or other appropriate comr IGHTS. This application is	in this application. If not include nunication will be mailed in due of	d course. THIS
1. This communication is responsive to <u>02/27/2006</u> .	•		•
2. X The allowed claim(s) is/are <u>1-20</u> .			,
 Acknowledgment is made of a claim for foreign priority una) All b) Some* c) None of the: Certified copies of the priority documents have Certified copies of the priority documents have Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). 	be been received. been received in Applicat	tion No	ion from the
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be subm	IENT of this application. itted. Note the attached Ex	KAMINER'S AMENDMENT or NO	
INFORMAL PATENT APPLICATION (PTO-152) which give	., .	or declaration is deficient.	
5. CORRECTED DRAWINGS (as "replacement sheets") mus			
(a) including changes required by the Notice of Draftspers		ew (PTO-948) attached	
1) hereto or 2) to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date			
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t	.84(c)) should be written on he header according to 37 (the drawings in the front (not the CFR 1.121(d).	back) of
 DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT 			ote the
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Attachment(s)	E Notice of I	Informal Datant Application (DTC	150)
1. Notice of References Cited (PTO-892)		Informal Patent Application (PTO	-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	Paper No	Summary (PTO-413), o./Mail Date	
 Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 	98), 7. 🗌 Examiner	s Amendment/Comment	
 Examiner's Comment Regarding Requirement for Deposit of Biological Material 	8. 🛭 Examiner	s Statement of Reasons for Allov	vance
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Application/Control Number: 10/721,711

Art Unit: 2828

DETAIL ACTION

Response to Amendment

1. In responding to applicant's amendment filed 02/27/2006, claims 1, and 11 have been amended.

REASON FOR ALLOWANCE

Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance - Applicant's response filed on 02/27/2006 has been considered, with respect to claims 1, 11, the references of the record fail to teach or suggest a wavelength-tunable laser apparatus and method for creating a wavelength-tunable laser apparatus:

Claims 1, 11:

A fabry-perot laser having a plurality of longitudinal mode, with planar lightwave circuit including a cladding surrounding a waveguide with grating forming on the substrate, where the grating reflecting a plurality of different wavelengths and the Facry-Perot laser locked by one of plurality reflected light, wherein the wavelength interval between longitudinal modes and the wavelength interval between plurality of light beams are different than each other, where the tunning of the Fabry-Perot is controlled by wave-locking of one of the plural reflected light beams.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Communication Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan N Nguyen whose telephone number is (571) 272-1948. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Harvey Minsun can be reached on (571) 272-1835. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toÎl-free).

Tuan N. Nguven

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